

Title (en)

IMPROVED FORMULATIONS USING HEAT SHOCK/STRESS PROTEIN-PEPTIDE COMPLEXES

Title (de)

VERBESSERTE FORMULIERUNGEN DURCH VERWENDUNG VON HITZESCHOCK-/STRESS-PROTEIN-PEPTID-KOMPLEXEN

Title (fr)

FORMULATIONS AMELIOREES UTILISANT DES COMPLEXES PEPTIDES-PROTEINES DE CHOC THERMIQUE/DE STRESS

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Application

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Priority

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Abstract (en)

[origin: WO0232923A2] he present invention relates to methods for making compositions comprising heat shock proteins or alpha (2) macroglobulin ("alpha 2M"), which compositions are immunogenic against a type of cancer or an agent of an infectious disease, and the compositions produced by the methods described herein. The invention further relates to methods for eliciting an immune response and the prevention and treatment of primary and metastatic neoplastic diseases and infectious diseases. Specifically, the present invention provides a method of eliciting an immune response comprise administering to an individual a composition made by mixing an amount of a purified first complex comprising a first heat shock protein or alpha 2M complexed to a peptide which displays antigenicity of an antigen of said type of cancer or antigenicity of an antigen of an agent of said infectious disease; and an equal or greater amount of a second heat shock protein or alpha 2M that is not complexed *in vitro* to a peptide which displays antigenicity of an antigen of said type of cancer or antigenicity of an antigen of an agent of said infectious disease, respectively; and is not in the form of a complex, said complex having been isolated as a complex from cancerous tissue of said type of cancer or cells infected with said agent of infectious disease, respectively. Optionally, the methods further comprise administering antigen presenting cells sensitized with hsp-peptide or alpha 2M-peptide complexes comprising peptides antigenic to cancer cells or to an agent of an infectious disease.

IPC 1-7

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Citation (search report)

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